

FAST FORWARD AND REWIND DEVICE FOR TAPE PLAYER

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Abstract

PURPOSE: To surely mesh an idler gear with a flywheel gear and a reel base gear by surely turning an idler arm in a sliding operation of a changeover plate.
CONSTITUTION: One pair of flywheel gears 11 and 12 on right and left, which rotate in the reverse direction to each other and one pair of reel base gears 15 and 16 are provided to be freely rotatable. The idler gears 20 and 21 for selectively meshing with the one of the flywheel gears 11 and 12 and one of the reel base gears 15 and 16 respectively are borne by the idler arm 23. Engagement projection parts 33 and 34 for engaging with projecting parts 30 and 31 of the idler arm 23 are projectingly provided on the changeover plate 26 that is freely slidable. The idler arm 23 is movably fitted on a supporting shaft 22 of a substrate 13. The idler arm 23 is energized by a spring 35 in the direction of engaging the projecting parts 30 and 31 with the engagement projection parts 33 and 34 of the changeover plate. The movement of the changeover plate is not prevented by the idler arm.

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